

FEDERALLY RESTRICTED USE PESTICIDES

Active Ingredient	Trade Names	Pesticide Type	Criteria for Restrictions	Use Pattern
Acetamide	Guardsman	Herbicide	Groundwater & surface water concerns	Field Corn, seed corn & popcorn. Aerial Applications, tank mix applications
Acetic Acid	Shotgun	Herbicide		Blueberries, cranberries, strawberries, bananas, pineapple, Chinese cabbage, potatoes, corn (field, pop, sweet, forage)
Acetochlor	Harness, MON, MPN, Surpass, Topnotch, Doubleplay	Herbicide		Field Corn, popcorn, forage/fodder corn
Acrolein	Magnacide H & B, Aqualin	Herbicide	Human Inhalation Hazard, Effects on Avian and Aquatic organisms	All Uses
Alachlor	Lasso, Lasso II Micro-Tech, Bronco, Marksman, Bullet, Freedom, ALA, Shroud	Herbicide	Oncogenic Potential	All Uses
Aldicarb	Temik, Union Carbide	Insecticide; Nematicide	Other hazards-accident history	All Uses
Aluminum Phosphide	Tri-Tox, Gastoxin, Quik-Fume, Fumidtoxin	Fumigant ingredient	Inhalation hazards to humans	All Uses (some uses cancelled)
Amitraz	Mitac, Taktic	Insecticide, Miticide	Possible Oncogenicity	Pears

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Amitrol	Amizol	Herbicide	Oncogenic Potential	All uses except homeowner
Arsenic Acid	Desiccant, Hy-Yield, CCA Type C, Poly Brand,	Herbicide, Wood preservative	Oncogenicity, muta, repro/fetotoxicity	All desiccant uses, all wood preservative uses
Arsenic Pentoxide	Osmose K-33, Chromated Copper Arsenate, CCA, Wood-Last, Wolman Conc.	Wood Preservative	Possible Oncogenic, mutagenic, reproductive effects	Wood preservative uses
Atrazine	Aatrex, Bicep. Surpass, Buctril, Atrazine, Laddock	Herbicide	Groundwater water potential, worker exposure concerns	Agricultural &/or industrial herbicide, home use exempted from restrictions
Avermectin	Zephyr, Gilmectin, Agri-mek	Insecticide	Toxic to fish, mammals, aquatic organisms	Cotton & Citrus
Avitrol	Avitrol	Bird Control	Hazard to fish & non-target birds	All Uses (some uses cancelled)
Azinphos-Methyl	Guthion, G-Thion, Ketokil, Security Dutox	Insecticide	Human Inhalation Hazard Toxicity to Avian, Aquatic & mammalian species	All uses
Bendiocarb	Turcam	Insecticide	Toxic to Aquatic & avian species	Turf Uses (some products cancelled)
Benzoic Acid	Dicamba & Atrazine	Herbicide		Corn, Popcorn, Asparagus, Grain & fodder crops
Bifenthrin, Biphenthrin	Capture 2, Brigade, Talstar	Insecticide	Toxic to fish & Aquatic Organisms	Cotton , Turf & Ornamental Crops
Bis (tributyltin) oxide	Interlux Micron, Interswift BKA007,	Biocide	Toxic to Aquatic Organisms including shellfish	Antifouling Paint
Carbofuran	Furadan, Niagara	Insecticide	Acute Inhalation Toxicity, Avian toxicity	All Uses
Chlorophacinone	Rozol Tracking Powder	Rodenticide	Human & Inhalation Hazard	Inside Buildings

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Chloropicrin	Terr-O-Gas, Timberfume, Bromo-Gas & Others	Fumigant, Fungicide, rodenticide	Acute Inhalation Toxicity	All uses >2% & All uses for rodent control
Chlorothoxyfos	Dupont Fortress	Insecticide	Acute human, avian & aquatic invertebrate toxicity	Corn, popcorn, sweet corn, field corn, forage corn
Chlorpyrifos	Dursban, Lorsban, Cyren, Whitmire, Pennacap, Unicorn, Sungrow	Insecticide	Avian & Aquatic Toxicity; Human exposure	Wheat, Termiticide (All indoor homeowner uses are being phased out)
Chromic Acid	Osmose Wood preservative, CCA	Wood Preservative	Oncogenicity, Mutagenicity effects	All wood preservative uses (many products now cancelled)
Clofentezine	Appollo SC	Miticide	To allow new uses	All uses
Coal Tar & Coal Tar Creosote	Creosote Coal Tar	Wood Preservative	Possible Oncogenic & Mutagenic Effects	All uses (many products cancelled)
Coumaphos	Co-Ral	Insecticide	Acute Oral Hazard Toxicity	Indoor food & indoor non food, livestock
Creosote Oil	Osmoseplastic	Wood preservative	Possible oncogenic & Mutegenic effects	Wood Preservatives
Cube resins	Noxfish , NUSYN,Cube Powder	Insecticide, Fish Toxicant	Chronic eye & inhalation effects	Small fruits (blackberries, blueberries, raspberries, cranberries etc.)
Cuprous Oxide	Osmose ACC, Antifouling Paints	Wood preservatives		
Cyanazine	Bladex, Cycle, Cy-Pro	Herbicide	Teratogenicity, Fetotoxicity	All Uses (all products being phased out)
Cyfluthrin	Baythroid 2, Aztec, Tempo 2 Golf Course, Legend	Insecticide	Acute Toxicity to applicators, fish & other aquatic organisms	Agricultural
Cyhalothrin	Karate C50	Insecticide	Toxicity to fish & aquatic organisms	Cotton
Cypermethrin	Ammo, Cybush, Cyoermethrin	Insecticide	Oncogenicity, hazard to non-target organisms	All agricultural crop uses

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Deltamethrin	Decis, Striker, Deltagard	Insecticide	High toxicity to aquatic organisms	Cotton
Diazinon	Diazinon, Vertagreen, DZN	Insecticide	Avian & Aquatic toxicity	Small Fruits, certain berries, currants, grapes
Dichloenil	Sewerout, Vaporooter	Herbicide		Herbicide Terrestrial
Dichloropropene	Telone, Tri-form, Pic Clor, Vorlex, Terr-o-cide	Fumigant	Probable Human Carcinogen, Inhalation & Oral toxicity	All Uses
Diclofop Methyl	Hoelon 3 EC, , Brestan H	Herbicide & Fungicide	Oncogenicity	All Uses
Dicrotophos	Bidrin, Mauget Inject-A-Cide	Insecticide	Aquatic dermal Toxicity	All Uses
Diflubenzuron	Dimilin, Micromite	Insecticide	Hazard to Wildlife	All Uses
Dioxathion	Cooper Del Tox Delnav	Insecticide	Acute Dermal Toxicity	All uses (greater than 30%) Most products cancelled
Disulfoton	Mocap, Di-Syston,	Insecticide	Acute Dermal & Inhalation Toxicity	All uses, Commercial seed treatment
Emametin Benzoate	Proclaim	Insecticide	Toxicity to fish	Insecticide-Miticide
Endrin	Endrin, Endrin-Methyl	Birds	Acute Dermal Toxicity, Hazard to non target organisms	Bird Perch Use
EPTC	Doubleplay	Herbicide		Grapes, citrus, lemons, almonds, potatoes, tomatoes
Ethion	Ethion 8, Niagara Ethion, Niagara Aqua Ethion	Insecticide	Acute Toxicity	All Uses
Ethoprop	Mocap, Holdem	Insecticide	Acute Dermal Toxicity	Aquatic Uses, All granular uses
Ethyl Parathion	Niagara, Phoskil,	Insecticide	Inhalation hazards, Acute Dermal Toxicity, Accident History	All Uses (many products cancelled)
Fenamiphos	Nemacur,	Nematicide	Acute Dermal, Avian Acute Oral & Inhalation Toxicity	All Uses
Fenbutatin-Oxide	Dupont Vendex	Miticide	Very High toxicity to aquatic organisms	Grapes

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Fenitrothion	Sumithion	Insecticide	Potential Adverse effects on Aquatic & Avian Species	Forestry Uses Only
Fenpropathrin	Danitol, Tame	Insecticide-Miticide	Toxic to fish & aquatic organisms	Cotton
Fenthion	Mosquitocide 700, Baytex, Rid-A-Bird	Insecticide	Highly toxic to birds, fish, aquatic Invertebrates	Mosquitocide (Rid A Bird product cancelled)
Fenvalerate	Asana , Fury	Insecticide	Adverse effects on Aquatic Organisms	Outdoor Uses
Fipronal	Regent, Icon	Insecticide		Insecticide/miticide
Hydrogen Cyanamide	Dormex	Herbicide	Corrosive effects to skin & eyes	Only registered for Desert grown grapes
Lambda-Cyhalothrin	Karate, Scinitar, demand. Warrior	Insecticide	Toxicity to fish & aquatic invertebrates	All Uses
Lindane	Lindane, Borer Spray	Insecticide	Possibly Oncogenic	Commercial Ornamentals, Avocados, Pecans, Livestock Sprays, Forestry, Christmas Trees, Structural Treatments,
Magnesium Phosphide	Magtoxin, Phostoxin, Fumi-cel	Insecticide, Fumigant	Inhalation Hazard	All Uses (most products cancelled)
Methamidophos	Monitor 4	Insecticide	Acute Dermal Toxicity, Avian	All Uses
Methidathion	Supracide	Insecticide/Miticide	Residue effects on Avian Species	All uses except Nursery Stock, Safflower & Sunflower
Methiocarb	Mesuro, Slug'm	Insecticide	Possible hazard to Avian, Fish & other aquatic organisms	Outdoor commercial & agricultural use (slug products cancelled)
Methomyl	Lannate, Nudrin Methomyl	Insecticide	Accident History; Residue effects on Mammals	Non domestic outdoor ag crops, ornamentals, all other uses
Methyl Bromide	Meth-o-gas, Bromo-gas, Terr-o-gas	Fumigant	Acute toxicity & accident history	All uses
Methyl Isothiocyanate	Mitc-Fume	Wood preservative		Fungicide for wood & wood Preservatives

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Methyl Parathion	Methyl Parathion,	Insecticide	All foliar application restricted due to residue effects, Acute Dermal Toxicity	All Uses, Most products are cancelled
Metolachlor	Drexel Trizmet	Herbicide		Gra[es. Citrus fruits, nut crops
Mevinphos	Phosdrin, Duraphos, others	Insecticide	Acute Dermal Toxicity, residue effects on mammalian & Avian species	All Uses (Most products cancelled)
Niclosamide	Bayluscide	Molluscicide, larvicide	Acute Inhalation Effects on Aquatic Organisms	All Uses (Most Products cancelled)
Nicotine	Fulex Nicotine Fumigator	Insecticide, Fumigant	Acute Inhalation toxicity, effects on Aquatic Organisms	Greenhouse Use, All applications to Cranberries
Liquid Nitrogen	Liquid Nitrogen	Insecticide	Highly corrosive to skin & eyes	Termiticide
Oxamyl	Vydate	Nematacide, Insecticide	Acute Oral, Acute Inhalation & Avian Oral Toxicity	All Uses
Oxydemeton	Harpoon, Inject-A-Cide	Insecticide	Reproductive effects	All uses (many products cancelled)
Paraquat	Paraquat, Gramoxone, Cyclone, Surefire	Herbicide	Human Toxicological Data, other Hazards, Use & Accident History	All Uses (many products cancelled)
Pentachlorophenol	Penta, PCP, Pentacon, others	Wood Preservative	Possible Oncogenic, Teratogenic & fetotoxic effects	All uses (many products cancelled)
Pentachlorophenol, Sodium S	Mitrol, Dura Treat	Wood Preservative	Possible Oncogenic, Mutagenic, Reproductive & Fetotoxic effects	All uses (many products cancelled)
Permethrin	Ambush, Pounce, Biomist, Tengard	Insecticide	Highly toxic to Aquatic Organisms, Oncogenicity	Agricultural Crop Uses (broadcast spraying)
Phorate	Thimet, Phorate, Milo Bait, Rampart, Terrachlor	Insecticide, Rodenticide	Acute oral & dermal toxicity for granulars, Residue effects on Avian & mammalian species w/liquids	All Uses
Phostebupirim	Aztec	Insecticide		ALL Corn, (Pop, sweet,

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Picloram	Tordon, Grazon	Herbicide	Hazards to non-target organisms	All Uses
Piperonyl Butoxide	Vex, Scourge, Prenfish	Insecticide		Small fruits, fish toxicant, mosquito adulticide
Profenphos	Curacron	Insecticide/Miticide	Corrosive to eyes	Cotton (only registered use)
Pronamide	Kerb	Herbicide		All uses
Propanoic Acid	Silverado	Herbicide		Edible Chrysanthemum, wheat grass, clover, rice, cotton
Propetamphos	Zoecon Rf-270, 8718 EW	Insecticide		Indoor domestic use
Resmethrin	Scourge, SBP-1382,	Insecticide	Acute fish toxicity	Mosquito abatement & pest control treatments at nonagricultural sites
Rotenone	Synpren, Prenfish, NUSYN, Rotenone, others	Fish Toxicant	Chronic eye & inhalation effects	Fish Kills-lakes, ponds, streams (immediately above lakes & ponds)
S-Fenvalerate	Asana XL	Insecticide	Possible effects on aquatic organisms	Outdoor Uses
Simazine	Alco Simazine, Drexel	Herbicide		Small fruit berries (strawberries, blackberries, grapes, cranberries, etc
Sodium Cyanide	M-44,	Rodenticide	Human Inhalation & non target hazard,	All uses
Sodium Dichromate	Osmoplastic SD, CSI 70%	Wood preservative	Oncogenicity, mutagenicity, teratogenicity & fetotoxicity	All formulations except brush-on
Sodium Fluoroacetate	Compound 1080	Rodenticide	Acute Oral Toxicity, Hazard to non-target organisms, use & accident history	All Uses (not legal in RI)
Sodium Hydroxide	Augus Hot Rod	Herbicide	Acute Toxicity hazard-inhalation, eyes, dermal	Tree roots in sewer systems
Sodium Methyl dithiocarbamate	Vaporoooter, Vapam, Sodcure	Fumigant, Herbicide	Dermal Toxicity & teratogenicity. Acute toxicity of Meta Sodium	Soil fumigant on ornamentals
Starlicide	Compound DRC, Gull Toxicant	Bird Repellent	Hazard to non target organisms	Bird Repellent
Strychnine	Gopher Bait,	Rodenticide	Hazard to non-target	Bird & Rodent

	Strychnine,		organisms	repellent
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Sulfotepp	Ditho Insecticidal Smoke	Fogging Agents/Insecticide	Inhalation to humans	All Uses
Sulfuric Acid	Sulfuric Acid	Desiccant	Extremely corrosive-acute toxicity to humans	Desiccant for potato vines
Sulfuryl Fluoride	Vikane, Sulfuryl Fluoride	Fumigant	Acute Inhalation Hazard, Possible Acute Toxicity Hazard to Humans	All uses (some products suspended)
Sulprofos	Bolstar	Insecticide	Wildlife Hazard	All uses
Tefluthrin	Gramoxone, Force	Herbicide, Insecticide	Environmental Concerns	Corn grown for seed
Terbufos	Counter	Insecticide	Residue effects (Avian Species) Acute Oral & Dermal Toxicity)	All Uses
TFM	Sea Prey Larvicide, TFM Bar	Biocide	Adequacy of labeling-requires specialized training, equipment & clothing, in tales complexity in use	Aquatic Pest Control (only for sale & application by certified applicators of the US Fish & Wildlife Service)
Tralomethrin	Striker, Scout	Insecticide	Toxicity to Aquatic Organisms	All Agricultural Crop Uses
Tributyltin Fluoride	Polyflo, KL 990, Vin Clad	Biocide	Toxicity to Aquatic Organisms & Shellfish	Antifouling Paint
Tributyltin Methacrylate	Interlux Micron, Alumcoat, Amercoat, Interswift, others	Biocide	Toxicity to Aquatic Organisms & Shellfish	Antifouling Paint
Triisopropanolamine	Toram	Herbicide	Hazard to non target organisms (noncrop & crop plants)	All uses
Triphenytin Hydroxide	Photon, Brestan, Duter	Fungicide	Possible Mutagenic Effects	All Uses
Zinc Phosphide	Orchard Mouse Bait, Rat Pellets, Pocket Gophers, many others	Rodenticide	Hazard to non-target organisms, Acute oral & Inhalation Toxicity	All Uses; non domestic outdoor uses (other than 1-2% formulations in/around buildings;) domestic Uses

Please Note, Most Zinc Phosphide products are either cancelled or suspended and can no longer be used.

**Chemicals and their Products Deleted from the Restricted Use List Because of Product Cancellations and the Use Pattern Affected by the Cancellation Order
And therefore can no longer be used**

Active Ingredient	Trade Names	Pesticide Type	Use Pattern
Acrylonitrile	Acritet 34-66	Fumigant, Insecticide	All Uses
Allyl Alcohol	Weed Seed Killer	Herbicide	All Uses
Alpha-Chlorohydrin	Epibloc	Rodenticide	Rodenticide Bait
Brodifacoum	Talon G	Rodenticide	In & around Urban Buildings
Butylate	Sutazine	Herbicide	All corn (sweet, field, pop fodder) crops
Cadium Chloride	Caddy	Fungicide	Golf Courses
Calcium Cyanide	A-Dust, G-Fumigant	Insecticide	All Uses
Carbon Dioxide	Makr Carbon Dioxide	Fumigant	Grain Crops, fruits, commercial facilities, flour elevators etc.
Carbon Tetrachloride	Dowfume	Fumigant	Museum Specimens
Chlordane	Chlordane	Insecticide	All Uses
Chlordimeform	Galdecron, Fundal	Insecticide/Miticide	Cotton (only registered use)
Chlorfenvinphos	Poultry Premise Larvicide	Insecticide	All domestic & nondomestic uses
Chlorobenzilate	Acaraben, Benzilan	Insecticide	Citrus (only registered use)
Chlorothalonil	Consyst T & O , Dacobre DG	Fungicide	Cranberries, strawberries, Pears, etc & turf
Copper Oxychloride	Dacobre DG	Fungicide, bactericide	
Cresote	Coal Tar Cresote, BL Coal Tar	Wood Preservative	Pole-Tox Wood preserving Compounds
Cupric Oxide	Chapman CCA-50		Citrus Fruits, cucumbers, potatoes, eggplants
Cycloheximide	Acti-Aid	Insecticide	All Uses
DBCP	Nematocide	Nematocide	Pineapple Uses
Demeton	Demox, Systox	Insecticide	All Uses
Diallate	Avadex	Herbicide	All Uses
Diphacinone	Promar Tracking Powder	Rodenticide	
Dodemorph	Milban	Fungicide	All Uses
EPN	EPN, Barricade,	Insecticide	All Uses (All products cancelled)
Ethylene Dibromide	TRI-X, Infuco Dibrome	Fumigant	Garment Fumigant
Fensulfothion	Dasanit	Insecticide	All Uses
Flucythrinate	Pay-Off, AASTAR	Insecticide	Agricultural crop Uses
Fluoroacetamide	Fluoracetamide/1080	Rodenticide	Inside Sewers
Fluvalinate	Mavrik 2E	Insecticide	Cotton Use

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Fonofos	Dyfonate	Insecticide	All Uses
Hydrocyanic Acid	Fumico, Aero HCN Discoids	Fumigant	All Uses
Imazaquin	ALA-SCEPT, MON-9850	Herbicide	Soybeans, Bermudagrass, St, Augustinegrass, Zoysiagrass
Isazofos	Triumph 4E	Insecticide	All Uses
Isofenphos	Amaze, Pryfon	Insecticide	Termite Control
Methyl Parathion	Methyl Parathion, Niran, Barricade, Ketokil, others	Insecticide	All uses
Monocrotophos	Azodrin, DPHMC 5	Insecticide.Miticide	All Uses
Phosacetim	Gopher-Trol, Gophacide	Rodenticide	All Uses
Phosalone	Zolone	Insecticide	All Uses, except products packaged and labeled solely for use around the home.
Phosphamidon	Phosphamidon 8	Insecticide	All uses
Potassium Pentachlorophenate	Permatox	Wood Preservative	Wood preservative Uses
Sodium Arsenate	Sodium Arsenate	Wood preservative	All uses except for use as brush-on
Sodium Pyroarsenate	Wolmans Salts CCA-Type B	Wood preservative	All uses except brush on
TEPP	Miller Kilmite-40	Insecticide	All uses
Tergitol	Compound PA-14 Avian Stressing Agent	Bird Control	All uses
Toxaphene	Cotton-Tox, Toxaphene, Toxephene Livestock solutions	Insecticide	All Uses
Trifluralin	Canon	Herbicide	Small fruits, grapes & citrus fruits

PLEASE NOTE: THAT CANCELLED, AND/OR RESTRICTED CLASSIFICATIONS MAY NOT APPLY TO ALL FORMULATIONS OF THE SAME CHEMICAL NAME. ALSO, NOT ALL TRADE OR PRODUCTS NAMES ARE LISTED EITHER IN THE RESTRICTED USE LIST OR THE CANCELLATION LIST. TO DETERMINE WHICH OF THE PRODUCTS ARE RESTRICTED AND HAVE AN ACTIVE FEDERAL REGISTRATION OR IS CANCELLED AND CAN NO LONGER BE USED, PLEASE GO TO THE EPA WEBSITE: www.epa.gov/RestProd

ALL PESTICIDE PRODUCTS THAT ARE TO BE DISTRIBUTED INTO THE STATE FOR SALE AND USE MUST BE REGISTERED WITH THE DIVISION OF AGRICULTURE.

PRIOR TO PURCHASE AND USE OF A PESTICIDE PRODUCT CHECK OUR WEBSITE TO DETERMINE THE REGISTRATION STATUS. WWW.STATE.RI.US/DEM. CLICK ON “PROGRAMS”, THAN CLICK ON “AGRICULTURE” THAN SCROLL DOWN AND ON THE LEFT HAND SIDE OF THE SCREEN CLICK ON “KELLY REGISTRATION” AND THAN “PESTICIDE REGISTRATION SEARCH”. YOU CAN SEARCH BY COMPANY NAME, PRODUCT NAME OR EPA REG.NO